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Model #: SMX750SLT

SmartPro Tower UPS - Intelligent, line-interactive network power management system

Highlights

- 750VA line interactive tower UPS
- Maintains sine-wave 220/230/240V nominal during brownouts and overvoltages
- Network communications supported via USB port, serial port, SNMP/Web card slot
- Current monitoring
- Input: C14 inlet (230V) / Output: 6 C13 (230V) / Jumpers: Includes 2 C13 to C14 cables
- 2 year warranty

Description

Tripp Lite's SMX750SLT intelligent, line-interactive sine wave UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries offer 20 minutes half load runtime and 7 minutes full load runtime. 750VA/500 watt power handling capability and full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic applications. Includes 6 protected C13 output receptacles total. Supports simultaneous remote monitoring of UPS and site power conditions via built-in network accessory card slot, USB and DB9 serial monitoring ports. Optional SNMPWEBCARD accessory enables remote monitoring of UPS as a managed device via network management console applications. Communications interfaces support messaging of UPS and line power status, plus output power control for delayed or immediate reboot of all connected devices at once. Includes PowerAlert UPS monitoring and unattended shutdown software with management support for an unlimited number of network UPS systems. Single line Tel/DSL and network Ethernet line surge suppression. Built-in audible alarm and 9 LEDs offer status notification for line power, battery power, battery charge level, load level, plus AVR boost and trim operational status information. Network grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. Attractive, all-black tower housing. Two year warranty.

Applications

Ideal for the protection of network fileservers, internetworking gear, switches, hubs, POS terminals, VoIP telephony and traditional PBX switching systems, back office computer systems, ATM machines, informational/internet/commerce kiosks, remote unattended servers, web servers, database servers, security systems, card readers, security cameras and other sensitive electronic devices requiring clean, continuously-regulated output power.

Package Includes

- SMX750SLT UPS System
- PowerAlert Software CD-ROM
- USB and serial cabling
- User manual with warranty information

Features

- SMX750SLT line-interactive UPS offers battery derived sine wave AC output during power outages, voltage regulation during brownouts and overvoltages, plus network-grade AC surge suppression
- 750VA/500 watt power handling capability with full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic devices

Large internal batteries offer runtimes of 20 minutes at half load (325VA/250 watts) and 7 minutes at full load (750VA/500 watts)
Automatic Voltage Regulation (AVR) circuits maintain user-selectable 220, 230 or 240V nominal output over an input voltage range of 151 to 265 (220V)/158 to 277 (230V)/165 to 289 (240V)
Includes 6 C13 output receptacles
PowerAlert UPS monitoring and unattended shutdown software enables configurable network broadcast messaging, email notification, event logging and running user-defined script commands
Offers simultaneous monitoring by up to 3 directly-connected devices through included USB, DB9 and SNMP* interfaces (*requires optional SNMPWEBCARD), or the monitoring of any number of additional UPS systems over IP with included PowerAlert monitoring software.
Communications ports support messaging of UPS and line power status, including on-battery, low-battery, power restored, AC line voltage, DC battery voltage and remaining battery capacity
Supports timed inverter shutoff after unattended shutdown, activate self-test and UPS output power control for delayed or immediate reboot of connected equipment
Supports Tripp Lite's WatchDog software application to restore unresponsive programs by systematically restarting applications, operating systems and ultimately rebooting completely locked computers by momentarily switching UPS power off and back on again (requires optional WATCHDOGSW)
9 LEDs offer continuous status information of UPS operating parameters and site power quality
Hot-swappable batteries allow on-site battery replacement without powering off connected equipment
Single line Tel/DSL and network Ethernet line surge suppression
UL (USA), cUL (Canada), CE/IEC 62040, GOST, SASO
2 year warranty

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	220, 230, 240V (selectable)
Frequency compatibility	50 / 60 Hz (Auto)
OUTPUT	
Output VA	750
Output watts	500
Output nominal voltage	220, 230, 240V (selectable)
Output voltage regulation	LINE MODE: Sine wave line voltage 220 / 230 / 240V (-9% / +5%), BATTERY MODE: Sine wave output 220 / 230 / 240V (+/-5%)
Output frequency regulation	LINE MODE: Passes line frequency of +/-10% BATTERY MODE: Inverter output regulated to 50/60Hz (+/- 1Hz)
Outlet quantity / type	6 IEC-C13
Customized load management receptacles	Output receptacles are arranged in a single load bank configuration that can be remotely controlled via software interface for delayed or immediate reboot of connected equipment
INPUT	
Maximum input amps	3.6 (220V) / 3.5 (230V) / 3.4 (240V)
Input connection type	IEC-C14
BATTERY	
Full load runtime	7 minutes (750VA)
Half load runtime	20 minutes (375VA)
DC system voltage	24V DC
Typical battery lifespan	3-6 years, depending on usage

Battery recharge rate	4-8 hours to 90%
Replacement Battery Cartridge	RBC51 (quantity 2)
VOLTAGE REGULATION	
Voltage regulation description	Automatic Voltage Regulation (AVR) circuits maintain clean, regulated computer-grade 220 / 230 / 240V nominal output, without using battery power, during brownouts as low as 151 and overvoltages as high as 289V
Overvoltage correction	Input voltages between 232-265 (220V) / 243-277 (230V) / 254-289 (240V) are reduced by 13%
Brownout correction	Input voltages between 178-198 (220V) / 186-207 (230V) / 194-216 (240V) are boosted by 15%
Severe brownout correction	Input voltages between 151-173 (220V) / 158-181 (230V) / 165-189 (240V) are boosted by 32%
LEDS ALARMS & SWITCHES	
Front panel LEDs	Includes 9 front panel LEDs to indicate line / battery power status, over / under voltage correction, battery charge level (4 LEDs), load percentage (4 LEDs), overload and replace battery.
Alarms	Audible alarms indicate BATTERY MODE (.4 sec. On / 4.6 sec. Off) and OVERLOAD (.4 sec. On / .6 sec. Off), UPS POWERED ON (single .4 sec. On)
Switches	Yes, includes 2 front panel mounted switches - POWER ON switch powers UPS on in AC or battery mode when pressed longer than one second. Power on switch also initiates self test when pressed longer than .5 seconds as the UPS is in line power mode. Also serves as an alarm silence when pressed for longer than .5 seconds in battery mode. POWER OFF switch turns UPS off when pressed and held for longer than 1 second.
SURGE / NOISE SUPPRESSION	
AC surge suppression	480 joules
AC suppression response time	Instantaneous
Dataline suppression	Set of 8 wire RJ jacks offer protection for 10baseT network connection with a clamping voltage of 7.5V on pins 1,2,3 & 6 or single line Tel/DSL surge suppression starting at 260V on center pins 4 & 5
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Shipping weight (lbs)	32
Shipping weight (kg)	14.5
Shipping Dimensions (HWD/in)	13.75 x 9.75 x 13.25
Shipping Dimensions (HWD/cm)	34.9 x 24.8 x 33.7
Unit weight (lbs)	30
Unit weight (kg)	13.6
Unit Dimensions (HWD/in)	10.25 x 6.75 x 9
Unit Dimensions (HWD/cm)	26 x 17.1 x 22.9
Material of construction	Steel
Form factors supported	Tower
Cooling method	Rear panel fan

Battery Access	Supports battery access and hot-swap replacement without powering connected equipment off
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
Storage Temperature	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Operating Temperature	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
COMMUNICATIONS	
Network monitoring port	Includes 2 built-in monitoring ports, 1-USB & 1-DB9. Each supports on battery, low battery, power restored, AC line voltage, DC battery voltage, load percentage, battery charge current, battery capacity, temperature and line frequency status messaging.
Software and cabling included	Includes PowerAlert UPS monitoring software for all common network and standalone operating systems. Ships with 2 cables, 1-USB & 1-DB9
SNMP compatibility	Yes via SNMP adapter accessory #SNMPWEBCARD
WatchDog compatibility	Yes, compatible with Tripp Lite's WatchDog Software to restore operation to locked equipment through soft reboot of application / OS or hard power off/on reboot of connected equipment—ideal for unattended kiosk applications
LINE / BATTERY TRANSFER	
Transfer time from line power to battery mode	4-8 milliseconds
Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 151 (220V) / 158 (230V) / 165 (240V) volts or less. Resets back to line power mode as line voltage increases to 159 (220V) / 166 (230V) / 173 (240V) volts.
High voltage transfer to battery power	Switches to battery power as line voltage increases to 265 (220V) / 277 (230V) / 289 (240V) volts or higher. Resets back to line power mode as line voltage decreases to 258 (220V) / 270 (230V) / 282 (240V)
SPECIAL FEATURES	
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure by pressing and holding the POWER ON button for longer than 1 second.
Appearance	Attractive all-black tower UPS
CERTIFICATIONS	
Certifications	Tested to UL (USA), cUL (Canada), CE / IEC 62040, GOST, SASO, RoHS-compliant
WARRANTY	
Product Warranty Period	2 year product warranty

Related Items

SNMP Accessories		
ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	Qty: [optional]
SNMPWEBCARD	For remote monitoring and control via SNMP, Web or telnet.	Qty: [optional]

Software		
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	Qty: [optional]

Surge Protectors		
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	Qty: [optional]
U022-010	USB Cable - 10-ft. USB 2.0 AB Gold Device Cable	Qty: [optional]

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=3021.

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